

CUSTOMER NO.: 38107

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	)	Examiner: D. VARGAS
W. MENS	)	
	)	Art Unit: 2859
Serial No.: 10/553,327	)	
	)	Confirmation: 1211
Filed: October 14, 2005	)	
	)	
For: <b>MAGNETIC RESONANCE</b>	)	
<b>IMAGING WITH</b>	)	
<b>HISTOGRAM-BASED</b>	)	
<b>PHASE CORRECTION</b>	)	
	)	
Mailing Date of Last Office Action:	)	
April 9, 2007	)	
	)	
Attorney Docket No.:	)	Cleveland, OH 44114
PHNL030372US/ PKRZ 2 01133	)	July 3, 2007

**AMENDMENT B**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is responsive to the Office Action mailed April 9, 2007.

Amendments to the claims are reflected in the listing of claims which begins on page 2.

Remarks begin on page 6.

---

CERTIFICATE OF ELECTRONIC TRANSMISSION

I certify that this Amendment B and accompanying documents in connection with U.S. Serial No. 10/553,327 are being filed on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filing system (EFS-Web).

July 5, 2007  
Date

Patricia A. Heim  
Patricia A. Heim

DEPOSIT ACCOUNT

The Patent Office is authorized to charge any fees associated with this filing to our deposit account no. 14-1270

Thomas M. Lundin

Thomas M. Lundin, Reg. No. 48,979